

Title (en)
HVIL SYSTEM

Title (de)
HVIL-SYSTEM

Title (fr)
SYSTÈME HVIL

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Abstract (en)
[origin: WO2017190833A1] The invention relates to a HVIL system for a HV plug connector, in particular in a motor vehicle, which is configured to transmit HV current from the HV plug connector to a further component, wherein the HVIL system has a first HVIL contact element and a second HVIL contact element, wherein the first HVIL contact element is spaced apart from the second HVIL contact element via at least one first spring element in a non-connected state of the HV plug connector, and wherein the first spring element is deformed in a connected state of the HV plug connector in such a way that the first HVIL contact element contacts the second HVIL contact element, in such a way that the HVIL system ensures that HV current is transmitted from the HV plug connector to the further component, provided that the connection between the HV plug connector and the further component is secured. The invention also relates to a method for establishing a HV plug connection.

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Citation (examination)
• GB 466205 A 19370524 - STOTZ KONTAKT GMBH
• US 4148536 A 19790410 - PETROPOULSOS NIKOLAOSTZAKOS J, et al
• WO 2010068293 A1 20100617 - TYCO ELECTRONICS CORP [US], et al

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